

A schematic diagram of a gas inlet system. A vertical pipe at the bottom is labeled "GAS INLET" with an arrow pointing upwards. This pipe leads into a larger rectangular chamber labeled 10. Inside this chamber is a piston assembly labeled 12, which includes a piston head labeled 24. A horizontal rod or shaft labeled 14 extends from the piston head to the right, passing through a seal or gasket labeled 20. The rod terminates in a valve assembly labeled 16, which includes a valve seat labeled 18 and a valve member labeled 22. An arrow labeled 10 points to the main chamber, and another arrow labeled 24 points to the piston head.

FIG. 1